Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 08 Aug 2023 until 23:59 on Wednesday 09 Aug 2023

Forecast Issued on Tuesday 08 Aug 2023 at 01:34

Confidence: High for the continuing unsettled theme, although less so than of late. Also high for increasing temperatures later this week.

Headline for Tuesday 08 Aug 2023: Largely cloudy, with some patchy rain in the south at first.

Mountain weather hazards on Tuesday 08 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Cloudy	Cloudy	Sunny intervals	Sunny	Clear night
Precipitation probability					
40%	30%	30%	10%	10%	00%

Forecast for Tuesday 08 Aug 2023

Weather: Rain and drizzle likely affecting the far southern parts of the Park at first. Some uncertainty as to the northern boundary of the rain, with much of the Park probably staying dry, perhaps with some sunny spells in the north. There is a small risk, however, that rain and very low cloud could reach more northern parts during the day. Rain and cloud will start to pull away southwards later in the afternoon, clearing all areas during the evening.

Chance of cloud-free hill tops above 600m: 60% in the north, 20% in the south. Becoming 80% during the evening.

Low cloud and visibility: Areas of low cloud, base 300-500m in the south. Patches of cloud, base 500-600m in the north. Visibility moderate to poor in rain and very poor in low cloud covering the hills, mainly in southern areas. Often good further north. Cloud clearing the north through the afternoon, and all areas during the evening. Risk of some fog patches in valleys later after cloud clears.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Tuesday 08 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/16 W	12/17 W	15/21 W	16/23 W	14/20 NW	11/17 W	10/15 W
300	10/14 SW	9/13 W	10/15 W	13/19 W	11/18 NW	7/13 NW	6/10 SW
Valley	3/10 SW	6/11 W	9/17 W	11/20 W	10/19 NW	5/13 NW	2/8 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/6	10/8	12/10	13/10	12/9	10/7	9/6
300	11/9	13/12	15/13	16/13	15/12	12/11	11/10
Valley	11/11	14/13	16/15	17/15	16/14	12/11	10/9
Freezing Level*	2100m	2100m	2200m	2100m	1900m	1800m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Best chance of dry weather with higher cloud bases in the north. Feeling chilly at times on the higher summits, especially in the south where there may be some rain.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 07 Aug 2023	0.2mm	19.2mm	21.2mm

Forecast for Wednesday 09 Aug 2023

Weather: A dry and clear night, perhaps with some fog patches forming in valleys. A fine start with sunny spells, then increasing amounts of high cloud during the morning making the sunshine hazy. Cloud thickening in the afternoon, perhaps with some drizzly outbreaks later.

Maximum wind: Westerly 10-15 mph, gusting 20 mph.

Chance of cloud-free hill tops above 600m: 90% becoming 40% from late afternoon.

Low cloud and visibility: Largely clear skies during the early hours, apart from a few valley fog patches which will clear after sunrise. Areas of cloud developing later in the afternoon into the evening, with bases 400-500m. Visibility mostly good, although very poor in fog and later in low cloud covering the hills.

Temperature: **Valleys:** Plus 8 Celsius becoming plus 19 Celsius.
At 600m: Plus 10 Celsius becoming plus 15 Celsius.
Freezing level: Above the summits.

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